

BEST AVAILABLE COPYREMARKS

In an Office Action mailed on November 19, 2004, claims 1, 11, 21, 29 and 30 were rejected under 35 U.S.C. § 112, second paragraph as being indefinite; claims 1, 7, 11, 17, 21, 27 and 30 were rejected under 35 U.S.C. § 102(e) as being anticipated by Ernstoff; claims 1, 2, 4, 6, 8, 11, 12, 14, 16, 18, 21, 22, 24, 26 and 30 were rejected under 35 U.S.C. § 102(e) as being anticipated by Brandinger; claims 29 and 31 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Brandinger in view of Hewlett; claims 29, 31 and 33 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Ernstoff in view of Hewlett; and claims 3, 5, 9, 10, 13, 15, 19, 23, 25 and 28 were objected to as being dependent upon a rejected base claim but were indicated as being allowable if rewritten in independent form.

Regarding the § 112 rejections, independent claims 1, 11, 21 and 29 have been amended to recite that a dimension of the array is associated with intensity values *for* the pixels, instead of intensity values *of* the pixels. Applicant submits that this change overcomes the § 112 rejections.

The §§ 102 and 103 rejections are addressed below.

Rejections of Claims 1, 2, 4 and 6-8:

The apparatus of independent claim 1 recites that a first dimension of a mirror array is associated with intensity values for the pixels.

Contrary to the limitations of independent claim 1, Ernstoff discloses a digital Micromirror Device (DMD) 15. The Examiner merely refers to the DMD 15 as allegedly disclosing the claimed dimension. However, as pointed out by Applicant, the element 11 is a DMD, not a dimension. Thus, Applicant requests the Examiner to specifically cite language from Ernstoff that shows the above-recited claim limitations. Otherwise, withdrawal of the § 102 rejection of claim in view of Ernstoff is requested.

The Examiner also rejects independent claim 1 under 35 U.S.C. § 102(e) as being anticipated by Brandinger. Applicant notes that the Office Action states that Applicant's previous arguments are considered moot in view of the new ground of rejection. Office Action, 10. However, the Examiner still maintains the § 102 rejection of claim 1 in view of Brandinger. For at least the reasons that are set forth in the previous reply, Brandinger fails to teach or even suggest a dimension of a mirror array that is associated with intensity values for pixels. Thus, withdrawal of the § 102(e) rejection of independent claim 1 in view of Brandinger is requested.

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Claims 2, 4, and 6-8 are patentable for at least the reason that these claims depend from an allowable independent claim. Therefore, withdrawal of the § 102(e) rejections of claims 1, 2, 4 and 6-8 is requested.

Rejections of Claims 11, 12, 14 and 16-18:

The method of independent claim 11 recites associating a first dimension of a mirror array with intensity values for pixels. For at least the reasons that are set forth above, neither Ernstoff nor Brandinger teaches or suggests such an association. Therefore, for at least this reason, withdrawal of the § 102(e) rejections of claim 11 is requested.

Claims 12, 14, and 16-18 are patentable for at least the reason that these claims depend from an allowable claim. Therefore, for at least the reasons that are set forth above, withdrawal of the § 102(e) rejections of claims 11, 12, 14, and 16-18 is requested.

Rejections of Claims 21, 22, 24-26 and 29:

The projection systems of independent claims 21 and 29 each includes a mirror array that includes pixels. A first dimension of this mirror array is associated with intensity values for pixels.

For at least the reasons that are stated above, neither Brandinger nor Ernstoff teaches nor even suggests such a mirror array. Furthermore, regarding independent claim 29, Hewlett fails to teach or suggest the missing claim limitations. Therefore, for at least the reasons that are set forth above, withdrawal of the rejections of claims 21, 22, 24-26 and 29 is requested.

Rejections of Claim 30 and 31:

The article of independent claim 30 includes a computer-readable storage medium that stores instructions to when executed cause a computer to control a mirror array to produce a projected image. The array includes pixels; and a first dimension of the array is associated with intensity values for the pixels.

For at least the reason that neither Brandinger nor Ernstoff teaches or suggests a mirror array in which a first dimension of the array is associated with intensity values of pixels,

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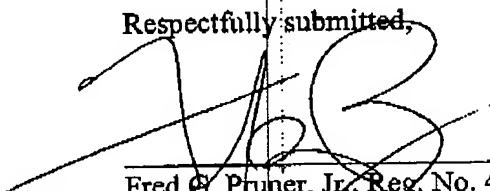
independent claim 30 overcomes the § 102(e) rejections. Therefore, withdrawal of the rejections of claims 30 and 31 is requested.

CONCLUSION

In view of the foregoing, withdrawal of the §§ 102 and 103 rejections and a favorable action in the form of a Notice of Allowance are requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504 (ITL.1035US).

Respectfully submitted,

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